

# Project Manager Instrumentation, Targets & Threat Simulators (PM ITTS)



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# PM ITTS Mission and Vision

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## Vision

**Be THE Leader for Instrumentation, Target, and Threat  
System Enterprise Solutions**

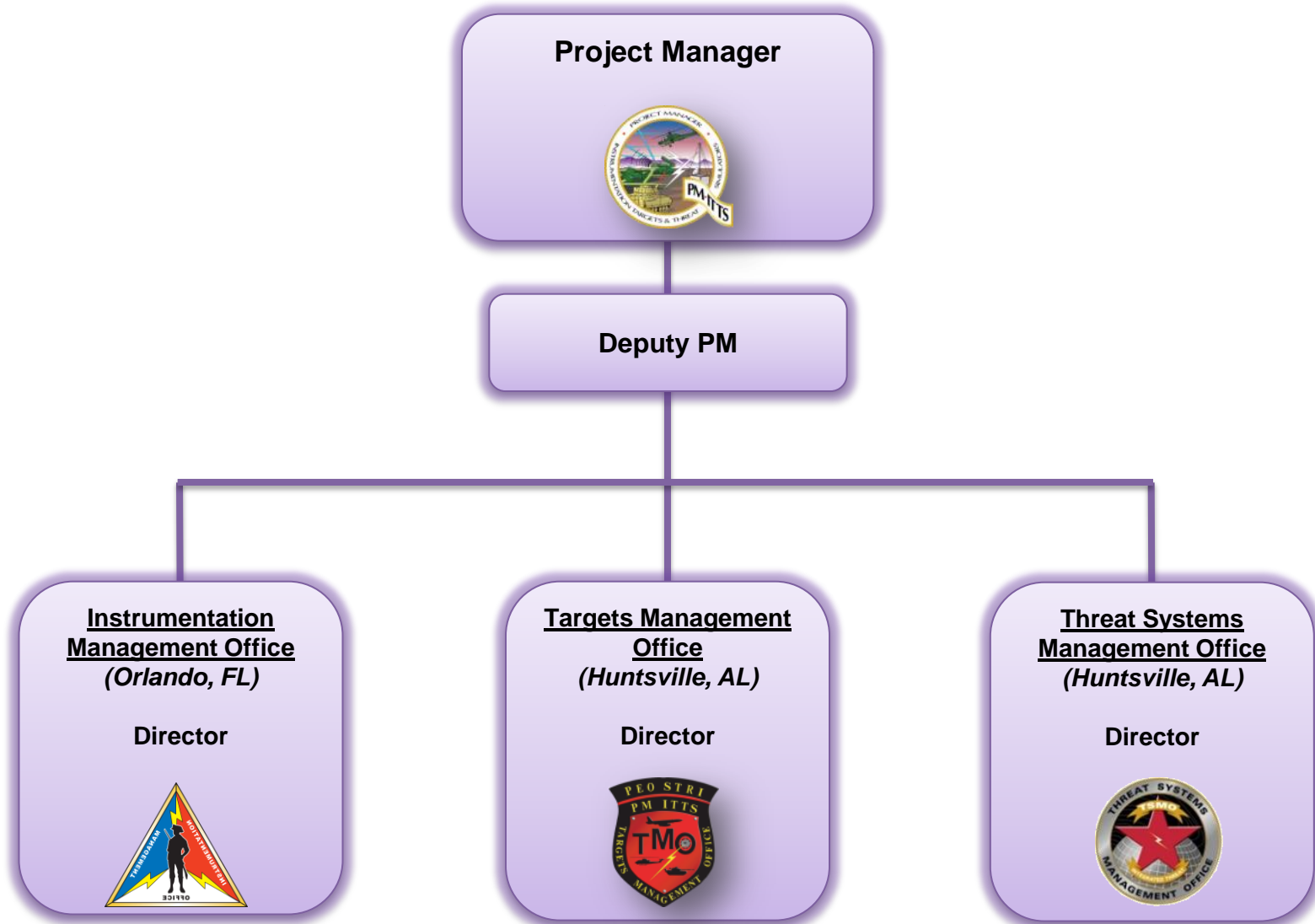
## Mission

**Provide and Operate Effective and Relevant Test,  
Training and Threat Capabilities in Support of  
the Army, and other Customers**



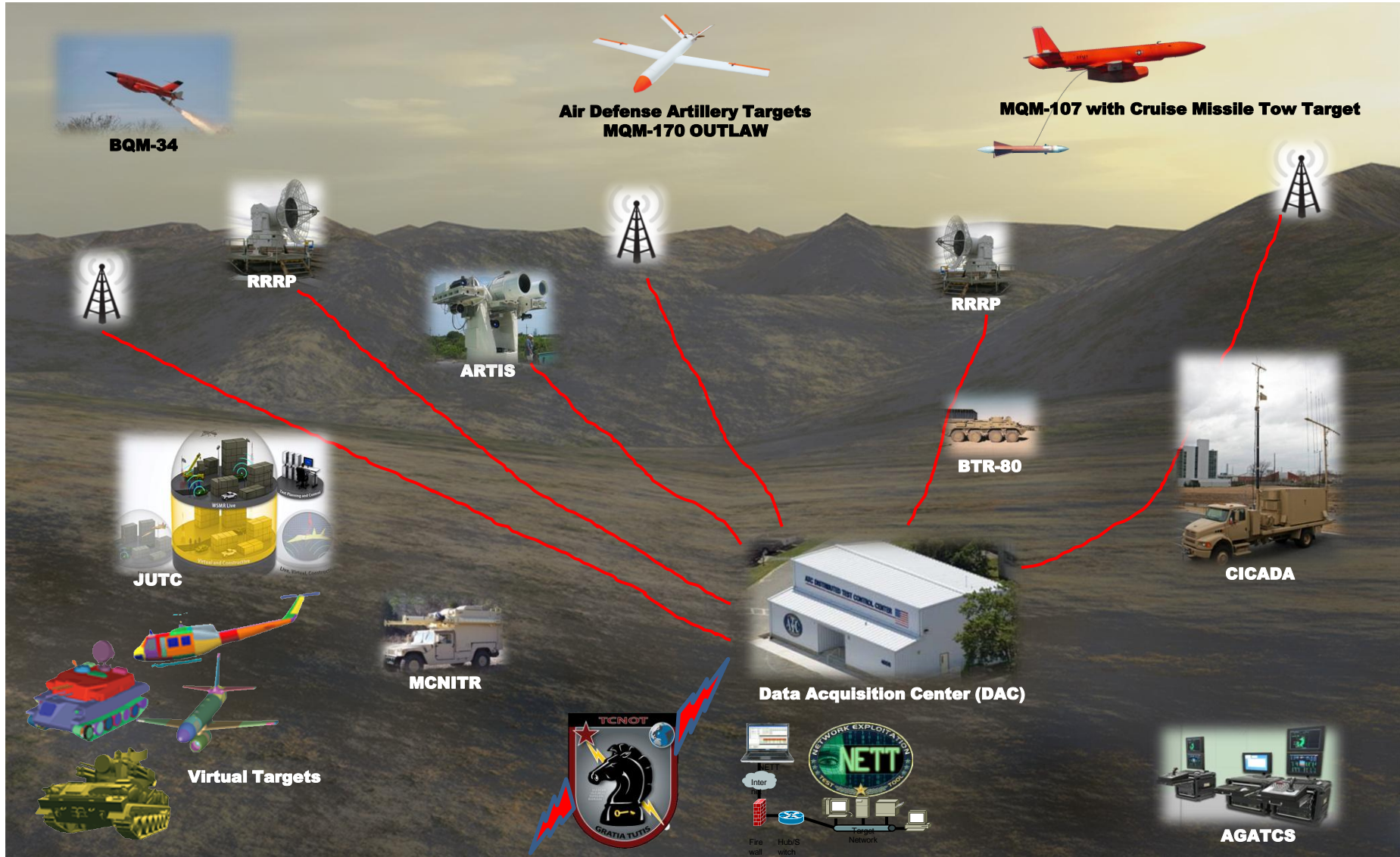


# PM ITTS Organization Chart





# PM ITTS Technology Snapshot







# PM ITTS Strategic Focus Areas



- Cyber Threat / Cyber Security
  - Expanding Operational Test role
  - Emerging Developmental Test role
  - Collective Training
- Real Time Casualty Assessment (RTCA)
  - Operational Test Command preparing TCRD
  - Acquisition initiates in FY15
  - Leverage training solutions to maximum extent
- Army Live Test and Training Common Technology Initiative
  - Partnership with PM TRADE, RDECOM STTC, and resource stakeholders
- Sustainment / Growth of Partnerships
  - ATEC / Test Centers
  - Director, Operational Test & Evaluation (DOT&E)
  - Deputy Assistant Secretary of Defense, Developmental Test & Evaluation (DT&E)
  - Test Resource Management Center (TRMC)
  - CCMDs





# PM ITTS Opportunity Metrics



Opportunity	TSIS 2013	IITSEC TSIS Update		Current Status
		2013	TSIS 2014	
AGATCS	B	Final		In Source Selection
ADA Targets	B	Final		In Source Selection
TIEDS	B	Final	SS	In Source Selection
ARTIS	B	B	B	PALT
JUTC	B	B	B	Pending entry to PALT
JPARC (JIADS)	B	B	B	PALT
TSOMIS	B	Final	SS	In Source Selection
E3			Initial	First time TSIS brief

## Legend

**B** - Briefed at TSIS

**Initial** - First time opportunity briefed at TSIS

**Final** - Final time opportunity briefed at TSIS

**SS** - In Source Selection-not briefed





# Opportunity Metrics Acronyms



<b>AGATCS</b>	Army Ground Aerial Target Control System
<b>ADA Targets</b>	Air Defense Artillery Targets
<b>TIEDS</b>	Test Instrumentation Enterprise Development and Support
<b>ARTIS</b>	Advanced Range Tracking and Imaging System
<b>JUTC</b>	Joint Urban Test Capability
<b>JPARC (JIADS)</b>	Joint Pacific Alaska Range Complex (JPARC) JPARC Integrated Air Defense Systems (JIADS)
<b>TSOMIS</b>	Threat Systems Operations and Maintenance Integrated Support
<b>E3</b>	Electromagnetic Environmental Effects







# Electromagnetic Environmental Effects (E3) Systems Modernization – IMO



## Description/Summary of Program Requirements

- Replace and upgrade 27 existing E3 test capabilities at White Sands Missile Range, NM.
- Test facilities located at the Electromagnetic Radiations Effects (EMRE) Test Complex.
- Replace obsolete test support equipment.
- Replace two of four high power transmitter systems.
- Modernize fixed test laboratories, anechoic chambers, transmitter sites, 2 mobile instrumentation vans.
- Instrumentation facilities address Army test and evaluation requirements of MIL-STD 461 and 464.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"><li>• ID/IQ Single Award</li><li>• Outside of STOC II</li><li>• Small Business Set-Aside</li><li>• Hybrid of FFP, CPFF</li></ul>	<ul style="list-style-type: none"><li>• 5-years</li></ul>	<div>August 2014  RFP Release</div> <div>2<sup>nd</sup> Qtr FY15  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM ITTS Phone: 407-384-5252 Email: <a href="mailto:ITTS@peostri.army.mil">ITTS@peostri.army.mil</a>	<ul style="list-style-type: none"><li>• Estimated value is \$37M</li><li>• RDT&amp;E</li></ul>	<ul style="list-style-type: none"><li>• No current contracts</li></ul>









# Advanced Range Tracking and Imaging System (ARTIS) – IMO



## Description/Summary of Program Requirements

- Developing lower cost, remotely operated, day/night, weatherized optical tracking and imaging system for Department of Defense.
- Key components:
  - Highly dynamic Close-In optical tracking systems that can be deployed at ground level or on elevated platforms.
  - Medium-sized Fly-Out optical tracking systems that can accommodate larger payloads.
  - Operations and control hardware/software for remote control of single and multiple optical tracking systems over network.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"><li>• Finalizing requirements documents</li><li>• Outside STOC II</li><li>• Single ID/IQ</li><li>• Full and open competition</li></ul>	<ul style="list-style-type: none"><li>• Base effort to include development, integration, and test</li><li>• Manufacturing of additional systems starting in FY19</li><li>• 5 year ID/IQ ordering period with option for an additional 5-year ordering period</li></ul>	<div>4<sup>th</sup> Qtr FY14</div> <div></div> <div>RFP Release</div> <div>1<sup>st</sup> Qtr FY16</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM ITTS Phone: 407-384-5252 Email: <a href="mailto:ITTS@peostri.army.mil">ITTS@peostri.army.mil</a>	<ul style="list-style-type: none"><li>• Estimated value is over \$250M</li></ul>	<ul style="list-style-type: none"><li>• No current contracts</li></ul>





# Joint Urban Test Capability (JUTC) - IMO



## Description/Summary of Program Requirements

- Addressing Department of Defense's need for realistic, reconfigurable, instrumented urban test environment.
- First increment will be located at White Sands Missile Range with six Prime Mission Products: Live Urban Area (building representations); Augmented Urban Environment Effects; Data Collection, Reduction and Analysis; Test Planning and Control; Test Architecture; and Net-Centric Interoperability.

### ACQUISITION STRATEGY

- Evolutionary Acquisition: First increment defined
- Follow-on increments will be based on greatest test capability need
- Mix of competitive procurement and existing contract vehicles

### PERIOD OF PERFORMANCE

- Base contract in FY15 with options through FY17 to complete the procurement
- Demonstrate performance before options are activated

### MILESTONES

4<sup>th</sup> Qtr FY14



Draft RFP  
Release

1<sup>st</sup>Qtr FY16



Contract  
Award

### POINT OF CONTACT

Organization: PM ITTS  
Phone: 407-384-5252  
Email: [ITTTS@peostri.army.mil](mailto:ITTTS@peostri.army.mil)

### FUNDING

- Central Test and Evaluation Investment Program, estimated projected funding is \$95M, RDT&E
- Estimated value of competitive procurement is ~ \$39M, RDT&E

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- No current contracts







# Joint Pacific Alaska Range Complex (JPARC) JPARC Integrated Air Defense Systems (JIADS) – TSMO



## Description/Summary of Program Requirements

- Full life cycle and engineering support for JPARC systems.
- Foreign and domestic acquisitions, and technical inspections.
- Tests and evaluations support.
- Mission support and training event support.
- Logistics, storage, maintenance, operations, and sustainment of JPARC systems.
- Primary location: Eielson Air Force Base, Fairbanks, Alaska.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"><li>• Full and Open Competitive Contract</li><li>• Out of STOC</li><li>• IDIQ Type contract</li></ul>	<ul style="list-style-type: none"><li>• 5-years (1 year base + 4 one year options)</li></ul>	3 <sup>rd</sup> Qtr FY14  RFP Release	2 <sup>nd</sup> Qtr FY15  Anticipated Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Organization: PM ITTS Phone: 407-384-5252 Email: <a href="mailto:ITTS@peostri.army.mil">ITTS@peostri.army.mil</a>	<ul style="list-style-type: none"><li>• DoD Program Funds will be used, type of funds will be based upon individual task scopes</li><li>• Estimated value is \$49M</li></ul>	<ul style="list-style-type: none"><li>• No Current Army Contracts</li><li>• Bering Sea Environmental LLC is primary incumbent contractor for JPARC</li></ul>	

